UNITED STATES NAVAL INSTITUTE PROCEEDINGS

For the advancement of professional, literary, and scientific knowledge in the Navy

Volume 74
Whole Numbers 539-550
1948

Edited by
CAPTAIN W. G. COOPER, *United States Navy*

United States Naval Institute

Publication Office: Menasha, Wisconsin
Editorial and Business Office: Annapolis, Maryland
Advertising Department: 2000 Connecticut Ave., Washington, D.C.

Engineering Work

Engineering Library

V
1
.U67

U. S. NAVAL INSTITUTE PROCEEDINGS INDEX FOR VOLUME 74, 1948

January,	No. 539, pp. 1–134	July,	No. 545, pp. 803–934
February,	No. 540, pp. 135–270	August,	No. 546, pp. 935–1066
March,	No. 541, pp. 271–402	September,	No. 547, pp. 1067–1198
April,	No. 542, pp. 403–536	October,	No. 548, pp. 1199–1332
May,	No. 543, pp. 537–670	November,	No. 549, pp. 1333–1466
June,	No. 544, pp. 671–802	December,	No. 550, pp. 1467–1598

Page

A

Administration and organization
In Defense of Military. R. J. Lauer 1135
Navy Advances in Business Management. L. Lee, Jr. 43
Admiral Graf Spee (Ger.) .....ill. 1106
Why Suicide? K. H. Donavin 1107
Africa: America's African Beach-Head. G. Richards and J. L. Zimmerman 1387
Air Combat Intelligence Officers: Reserve ACIO's Are Refreshed. W. H. Morris 1513
Aircraft carriers—Japan
Akagi, Famous Japanese Carrier. W. L. Robinson 579, 1157
Kure harbor derelict .....ill. 594
Aircraft carriers—United States
At sea .....ill. 1032
"Carrier Row" .....ill. 1430
Carrier War in Atlantic. J. L. Blackman, Jr. 999
Drawing 65,000-ton super-carrier .....ill. 1596
Airships
Blimp .....ill. 297
Utility Uses for Airships. J. G. Vaeth 297
Akagi (Jap.): Famous Japanese Carrier. W. L. Robinson 579, 1157
Alabama (U.S.): Bombing test .....ill. 1199
Alchiba (U.S.) .....ill. 754
Almirante Oquendo (Sp.) .....ill. 561
Ammunition Disposal Unit: Lesson of ADU. F. I. Winant, Jr. .....1067, ills. 1073, 1076
Amphibious warfare: See Landing craft and operations
Anderson, E. A.: Abortive Duel on Hicacal Point. D. W. Knox 1081
Anecdotes
"Accidents" Stopped—By Order! E. J. Long 965
Battle Stations. E. P. Bonner 1371
Birds on His Collar. R. P. Dillon 689
Blackout Job. H. B. Seim 181
Bright Face of Valor. J. B. Wilkinson 23
By Your Leave, Sir. L. G. Cooper 851
Colonel's Sandwich. J. H. McConnell 1245
Coming Aboard. K. W. Simmons 989
Constant Bearing. C. G. Rucker 681
Deaf Bos'n and Tar. C. G. Rucker 617

Page

Anecdotes (Cont.)
"Goin' to War." L. F. Kerr 977
Hearing is Believing. J. K. Taussig 741
Helpful Report. R. W. Mindte 167
Inside and Out. J. M. Ellicott 571
It Was Worth It. H. B. Seim 295
Letter of Recommendation. E. A. Crenshaw, Jr. 1407
Lo, Poor Admiral! J. K. Taussig 1349
Man-Size Ricochets. W. D. Robertson, Jr. 821
Mr. Beatty's Beer. W. B. Fletcher 1489
Newly Appointed Navigator. C. G. Rucker 1133
Orders Is Orders! F. W. Harrington 1249
Oregon's Coal. L. J. Gulliver 611
Perfect Crystal Ball. C. G. Rucker 949
Phantom Whistle. A. J. Durlacher 721
Poor Target Practice. H. Williams 1109
Previous Training. R. Z. Kirkpatrick 1527
Protecting His Investment. A. H. Blum ... 1485
Pure Minded Skipper. W. D. Sharp 349
Purple Heart. H. B. Seim 835
Real Problem. E. J. Koestner 35
Russian Jam. W. F. Hinckley 1543
Seeing and Hearing Things. E. U. O'Donnell 80
Shades of Commodore Fyfe. S. H. Kinney 433
Shooting Bull. D. J. Munroe 595
Shooting Mirage 628
Sighting Sea Serpent. C. H. Wright 423
Southern Voice, Western Ears. D. E. Cummings 699
Start of Pilgrimage. J. H. McConnell 955
There'll Be No Promotion. . . ." R. C. Smith, III 1275
Titan—or Atomic Force Old Style! F. L. Oliver 1079
Too Gallant. J. J. London 1539
Tough Break. A. S. Campbell 451
Unexpected Submarines. G. Stuart 831
Very Unfortunate Affair. W. Outerson 623
We Caught Big One! R. Z. Kirkpatrick .. 455
What, Again? J. B. Wilkinson 1371
What Do? W. D. Sharp 209
What Price Security. S. M. Lanham 221
"You Can't Win." L. J. Gulliver 1479
Antarctic exploration
Marguerite Bay, Palmer Peninsula ....ill. 1490

Page

Antarctic Exploration (Cont.)
Shackleton's camp, Cape Royds .....ill. 1495
Southern Cruise by Two Navy Icebreakers. E. McDonald 1491
Antipodes Islands .....ills. 1120, 1123-25
Antipodes. C. W. Thomas 1121
Appropriation Acts, Naval, Structure of. J. A. Furer 1517
Arctic exploration
Grinnell Expedition ship .....ill. 1283
Peary cache, Cape Sheridan .....ill. 1573
Arlington National Cemetery. C. A. Phillips .....733, 1161, ill. 732
Arthur, C. S.: Paternalistic Leadership, Fountain-Head of Military Valor 1409
Asdic and Sonar, Anti-Submarine Sisters. M. Prendergast 1009
Atlanta (U.S.) .....ill. 1250
Atomic bomb
ADU, Lesson of. F. I. Winant, Jr. ....1067, ills. 1073, 1076
Bikini tests .....ills. 1069, 1291
Nagasaki .....ill. 531
Targets for Future? 80
Australian aborigines .....ill. 667
Aviation
NATS: Navy Has Heart. B. L. Britton .....1213, ills. 1212
NATS: Safety in Skies (Navy's Transport Flying Record). H. B. Say ....1111, ills. 1110, 1113, 1116, 1118
Naval Academy and Naval Aviation. F. M. Hertel 37
Naval Contributions to Aeronautical Science, 1908-1913. M. C. Welborn 991
Night Fighters, Development of, in World War II. J. S. Gray, Jr. 847
Reserve ACIO's Are Refreshed. W. H. Morris 1513
Aviation-Aircraft
Coast Guard .....ills. 1553
Heliocopters: Versatile Windmills. M. W. Cagle 833
Jets Are Coming. M. W. Cagle 1343
Marine Corps .....ill. 142
U. S. Navy ..... ills. 118, 132, 252, 308, 389, 489, 522, 832, 891, 900, 915, 947, 1110, 1113, 1116, 1131, 1137, 1156, 1307, 1342, 1345, 1347-48, 1580
U. S. Navy's first seaplane, 1911 .....ill. 990
Aviation-Japan: Yokosuka Naval Air Base and Japanese Naval Aviation. C. R. Stokes and T. Darling 339
Aviation medicine: Supersonics and Aviation Medicine. J. W. Welsh 1533, ills. 1532, 1535, 1538

B

Baka bomb, Japanese .....ills. 338, 341
Barb (U.S.) .....ill. 753
Barbary Wars
Intrepid (U.S.) explosion .....ill. 1138
Philadelphia (U.S.) burning .....ill. 882
Richard Somers. R. W. Daly 1139
Bast, H.: Amphibious Mother Ship 333
Batten, L. W., III: History as Guide to Naval Policy 743
Battleships: Poundstone, Homer Clark, and All-Big-Gun Ship. D. R. Morris 707, 1293, 1427

Page

Battleships—Japan: *Kongos* in World War II. W. S. Howard 1401
Bauer, K. J. Korean Expedition of 1871 197
Beito, E. A. 357, 768
Benitez, R. C.: Battle Stations Submerged .. 25
Bennington (U.S.) .....ill. 166
Bird, H. V.: Let's Take Off Our Shells 619
Birmingham (U.S.): Ely's flight, 1910 ..ill. 887
Blackburn, P. P., Jr.: Oil to Burn? 1487
Blackman, J. L., Jr.: Carrier War in Atlantic 999
Blum, A. H.: Protecting His Investment (anecdote) 1485
Bolander, L. H.: *Jane's Fighting Ships* 1384
Bon Homme Richard (U.S.) and *Serapis* (Br.) .....ills. 803, 1430
Bonner, E. P.: Battle Stations (anecdote) ... 1371
Book Reviews
Admiral Dewey and the Manila Campaign 487
Album of American Battle Art, 1775-1918 1561
American Forces in Action 631, 767, 1165
Baldwin, H. W.: *The Price of Power* 1565
Ballantine, D. S.: *U. S. Naval Logistics in the Second World War* 355
Bavier, R. N., Jr.: *The New Yacht Racing Rules* 1167
Bethe, H. A.: *Elementary Nuclear Theory* 227
Bigelow, H. B.: *Wind Waves at Sea, Breakers and Surf* 1435
Boyce, J. C., ed.: *New Weapons for Air Warfare* 633
Braly, W. C.: *Hard Way Home* 88
Brassey's Naval Annual, 1947 632
Braynard, F. O.: *Lives of the Liners* 766
Brindze, R.: *Seamanship Below Deck* 228
Burne, A. H.: *The Art of War on Land* .. 1432
Cass, B. G., ed.: *History of the Sixth Marine Division* 1029
Charles, R. W.: *Troopships of World War II* 228
Clinard, O. J.: *Japan's Influence on American Naval Power, 1897-1917* 1302
Cole, A. B., ed.: *Yankee Surveyors in the Shogun's Seas* 90
Cooley, M. E.: *Scientific Blacksmith* 225
Cranwell, J. P., and S. A. Smiley: *United States Navy Waterline Models and How to Build Them* 228
de Kerchove, R.: *International Maritime Dictionary* 635
Dickens, G.: *Bombing and Strategy* 1300
Divine, A. D.: *Dunkirk* 1566
Dorris, J. T.: *A Log of the "Vincennes"* .. 1166
Fesler, J. W., *et al.*: *Industrial Mobilization for War, Vol. I, Program and Administration* 226
Gamow, G.: *One Two Three . . . Infinity*.. 1027
Gilbert, G. M.: *Nuremberg Diary* 1433
Gordon, D. L., and R. Dangerfield: *The Hidden Weapon: The Story of Economic Warfare* 489
Gosnell, H. A., ed.: *Rebel Raider* 1163
Grant, B.: *Isaac Hull: Captain of Old Ironsides* 634
Greenfield, K. R., *et al.*: *The Army Ground Forces: The Organization of Ground Combat Troops* 1434
Hammer, D. H.: *Lion Six* 85
Hargreaves, R.: *Enemy at the Gate* 1562

Page

Book Reviews (Cont.)
Hatcher, J. S.: *Hatcher's Notebook* 1028
Heinl, R. D., Jr.: *The Defense of Wake* .. 898
Horn, S. F.: *Gallant Rebel* 356
Hugon, P.: *Nouvelles Tables* 768
Ingleton, G. C.: *Charting a Continent* 358
Jane's All the World's Aircraft, 1947 488
Jane's Fighting Ships, 1946-47 1302
Jane's Fighting Ships. L. H. Bolander 1384
Johnson, G. W.: *First Captain* 90
Knox, D. W.: *A History of the United States Navy* 1431
Latourette, K. S.: *Short History of the Far East* 86
Ley, W.: *Rockets and Space Travel* 86
Lippincott, B. E., ed.: *From Fiji Through the Philippines with the Thirteenth Air Force* 1030
Marshall, S. L. A.: *Men Against Fire* 1299
Mason, F. Van W.: *Eagle in the Sky* 768
Matthew, R. J.: *Language and Area Studies in the Armed Forces* 491
Melville, H.: *Moby-Dick* 1303
Morison, S. E.: *History of United States Naval Operations in World War II* (Vol. I): *Battle of the Atlantic, September 1939-May 1943* 223
Navigation and National Security 1167
Nord, P. (Col. Brouillard): *Mes Camarades Sont Morts* 1563
Pratt, F.: *The Marine's War* 765
Ratsey, E. A., and W. H. deFontaine: *Yacht Sails—Their Care and Handling* 768
Reeder, F. M.: *Safe for Solo* 89
Reitzel, W.: *The Mediterranean: Its Role in America's Foreign Policy* 1166
Roethlisberger, F. J.: *Management and Morale* 224
Schaffter, D.: *What Comes of Training Women for War* 635
Stacey, C. P.: *Canadian Army* 1564
Steichen, E.: *Blue Ghost* 1029
Stockman, J. R.: *Battle for Tarawa* 1301
Stuit, D. B., ed.: *Personnel Research and Test Development in the Bureau of Naval Personnel* 493
Taylor, J. E.: *Northern Escort* 490
Utley, F.: *Lost Illusion* 899
Vandiver, F. E., ed.: *Confederate Blockade Running Through Bermuda, 1861-1865* .. 636
Wallace, H. A.: *Toward World Peace* ... 769
Weems, P. V. H., and C. A. Zweng: *Instrument Flying* 357
West, R. S., Jr.: *Admirals of American Empire* 897
Borgen, K. P. 224
Boston (U.S.) .....ill. 1250
Bowers, R. H. 220
Boxer Rebellion: U.S. and British sailors..ill. 1284
Brittin, B. H.: International Law Aspects of Acquisition of Continental Shelf by United States 1541
Britton, B. L.: Navy Has Heart 1213
Bruce, B.: Natural Competition 1367
Bunker Hill (U.S.) .....ill. 757
Burgenland (Ger. SS) .....ill. 491
Burgess, C. P. 82
Burke, A. A. 1565

Page

Burpo, R. S., Jr. 1161
Burton Island (U.S.) 1491
Business Management, Navy Advances in. L. Lee, Jr. 43

C

Cagle, M. W. 1024
Jets Are Coming 1343
Versatile Windmills 833
Camouflage of wakes 893
Campbell, A. S.: Tough Break (anecdote) .. 451
Canoes: Sailing Canoes of Marshall Islands. C. H. Wright .....1529, ills. 1528, 1530-31
Captain of Port 79
Caroline Islands
Truk ..ills. 99, 532, 852, 855, 858, 861, 1268, 1274
Truk—South Sea Mystery Base. B. Vogel 1269
Truk: "Tourist" Attraction. J. D. Pillsbury 853
Carter, W. R.: Seron Ten 153, 629
Cemeteries: Arlington National Cemetery. C. A. Phillips .....733, 1161, ill. 732
Central Intelligence Agency 803
Centrifuge building, cut-away perspective .. ..ill. 1538
Ceylon .....ills. 1422
Chaplin, P. A. C. 79
Chicago (U.S.) .....ill. 1250
China
Boxer Rebellion .....ill. 1284
East India Company destroying junks ....ill. 745
Hong Kong .....ills. 494, 1423
Money, Chinese—New Picture 351
China—Navy: China's New Navy, American Built, Starts from Scratch. L. J. Gulliver .. 627
Chretien, C. D. 628
Church services .....ill. 1408
Citations and commendations: Honored Men and Ships .....749, 1065, ills. 748-57
Civil Liberty, Navy and. W. B. Prendergast 1263
Civil War
Fort Fisher attack .....ill. 1560
Mississippi action, 1862 .....ill. 1350
Clark, E. H., Jr. 490, 632, 766, 1029, 1302
United States Place Names Honoring Navy 453
Coast Guard
Merchant Marine Inspection: Major Function of Coast Guard. H. F. Crouch 823
U. S. Coast Guard in War and Peace. S. H. Evans ....1545, ills. 1467, 1544, 1548-55
Coast Guard Academy .....ill. 1555
Coates, C. R.: Aircraft Reconnaissance in Tropical Storms 1127
Colonial government: Trust Territory of Pacific Islands. C. H. Wright 1333
Competition, Natural. B. Bruce 1367
Connecticut (U.S.) .....ills. 1284, 1292
Constellation (U.S.) .....ill. 1007
Frigate *Constellation* Puts to Sea. L. C. Dunn 1005
Constellation (U.S.) and *L'Insurgente* (Fr.) .....ill. 1004
Constitution (U.S.) and *Guerriere* (Br.) ill. 883
Continental Shelf, International Law Aspects of Acquisition of, by United States. B. H. Brittin 1541
Convoys .....ills. 150, 811, 938, 1550
Cooper, L. G.: By Your Leave, Sir (anecdote) 851

Page

Copenhagen, Battle of ....ill. 845
Coral Sea, Battle of ....ill. 586
Corporal (U.S.) ....ill. 1155
Coward, J. G.: Destroyer Dust 1373
Crenshaw, E. A., Jr.: Letter of Recommendation (anecdote) 1407
Crimean War: Bombardment of Odessa ..ill. 1224
Croaker (U.S.) ....ill. 756
Crouch, H. F.
Merchant Marine Inspection: Major Function of Coast Guard 823
Well Disciplined Merchant Marine? 1467
Cruisers—United States
At sea ....ill. 1366
White Squadron ....ill. 1250
Cuba: Guantanamo Bay ....ill. 1080
Cummings, D. E.: Southern Voice, Western Ears (anecdote) 699
Cushman, R. E., Jr.: Amphibious Warfare: Naval Weapon of Future 301
Cutter, C. N. 893
Cutting, J. R. 88

D

Dace (U.S.): Battle Stations Submerged. R. C. Benitez 25
Dale, G. F. 82, 485
Daly, R. W.
Pay and Prize Money in Old Navy, 1776-1899 967
Richard Somers 1139
Darling, T. (joint author): See Stokes, C. R.
Darter (U.S.): Battle Stations Submerged. R. C. Benitez 25
Davison, T. W. 1023
Delaware (U.S.) ....ill. 315
Denver (U.S.) ....ill. 754
Destroyers—United States: Destroyer Dust. J. G. Coward 1373
Dewey, G. ....ill. 486
Diesel Encomium. C. S. Seabring 1505
Dillon, R. P.
Birds on His Collar (anecdote) 689
Story of Small Boy 817
Diplomacy: South Atlantic—Diplomatic Campaign. F. Pratt 691
Don Juan de Austria (Sp.) ....ill. 558
Donavin, K. H.: *Graf Spee—Why Suicide?* 1107
Dover, Battle of, 1652 ....ill. 1350
Duddy, F. E. 86
Duels: Abortive Duel on Hicacal Point. D. W. Knox 1081
Dugan, P. F. 355, 899, 1431
Duke of York (Br.) ....ill. 381
Dunn, L. C.: Frigate *Constellation* Puts to Sea 1005
Durlacher, A. J.: Phantom Whistle (anecdote) 721
Dwyer, H.: Little Ship Collection Moored at Annapolis 1397

E

Earthquake, South America's Greatest, Our Navy and. H. C. Votaw 345
Eccles, H. E. 483, 629
Ecnomus, Battle of, 256 B.C. ....ill. 1353
Economic War Potential, Need for Strategic Intelligence on. R. A. Rowe 803

Page

Edisto (U.S.) 1491
Egypt: Sphinx ....ill. 1417
Eller, E. M.: Leadership in Navy and Industry 671
Ellicott, J. M.
Inside and Out (anecdote) 571
Sidelights on Mahan 1247
Ely, E.
Flying off *Birmingham* (U.S.), 1910 ..ill. 887
Landing on *Pennsylvania* (U.S.), 1911 ....
....ills. 994, 1285
Engines: Diesel Encomium. C. S. Seabring .. 1505
Engines—Aircraft
Jet ....ill. 660
Ram jet ....669, ill. 668
England (U.S.) ....ill. 753
England: London ....ill. 1418
Enterprise (U.S.) ....ill. 749
Erben, H. ....1248, ill. 1246
Estimate of situations: Logical Thinking in Military Situations. G. H. Miller 327
Evans, S. H.: U. S. Coast Guard in War and Peace 1545
Ewald, J. B. 351

F

Fanning (U.S.) and *U-58* (Ger.) ....ill. 886
Farenholt, A. 760
Farwell, R. F.: Whistle Argument: Analysis and Plan 473
Feaster, J. B.: Method of Using Stars Listed Under "Additional Stars" 68, 629
Fisher, J. A.: Papers: Impressions of Nelson. A. J. Marder 843
Flags
Japanese battle flag ....ill. 1134
Korea, 1871, capture ....ill. 196
Marine Corps color guard ....ill. 135
Submarine's victory flags flying ....ill. 671
Fletcher, W. B.: Mr. Beatty's Beer (anecdote) 1489
Forts
Fisher ....ill. 1560
Monocacy, Korea, 1871 ....197, ill. 203
Forward (U.S. CG) ....ill. 1549
Foss, W. O.: U.S.S. *Oregon:* Pathfinder .. 951
Four Days Battle, 1666 ....ill. 873
France
Le Havre ....ill. 92
Omaha Beach ....ill. 805
Port damage ....ill. 498
Riviera ....ill. 1420
Franklin D. Roosevelt (U.S.) ....ill. 489
Fredland, J. R. 226, 358, 489
Fuel
Continental Shelf, International Law Aspects of Acquisition of, by United States. B. H. Brittin 1541
Oil drilling rig, Gulf of Mexico ....ill. 1540
Oil to Burn? P. P. Blackburn, Jr. 1487
Pipe Line Politics. L. A. Marsden 429
Fueling at sea ....ill. 331
Funk, G. C. 1028
Furer, J. A.: Structure of Naval Appropriation Acts 1517

Page

G

Gambier Bay (U.S.) ....ill. 972
Germany
Berlin ....ill. 360
Bremen ....ill. 321
Germany-Navy
Factors in Growth of Reichsmarine (1919-1939). W. A. Weidersheim III 317
Fleet review ....ill. 316
Grand Fleet surrender, 1918 ....ill. 286
Gibraltar ....ill. 1419
Gilbert Islands: Tarawa ....ills. 137, 764, 1015, 1289, 1298
Goodwin, R. A. 227
Gray, J. S., Jr.: Development of Naval Night Fighters in World War II 847
Greece
Athens ....ill. 1304
Piraeus ....ill. 655
Greenland: Coast Guard and German weather mission ....ill. 1290
Griswold (U.S.) ....ill. 816
Story of Small Boy. R. P. Dillon 817
Grupp, G. W.: Rear Admiral George Wallace Melville as Man and Engineer-in-Chief of Navy 613
Gaudalcanal (U.S.) and captured *U-505* (Ger.) ....ill. 752
Guam
Landing operation ....ills. 143, 1017
Naval Base ....483, ills. 84, 354
Signpost—Crossroads of Pacific ....ill. 1196
Guerriere (Br.) and *Constitution* (U.S.) ....ill. 883
Gulliver, L. J. 627
Oregon's Coal (anecdote) 611
"You Can't Win" (anecdote) 1479
Guns and gunnery
Antiaircraft ....ill. 350
Armament cycle 484
Battleship firing ....ills. 1, 1289
Gunfire Support, Development of Naval, of Amphibious Operations. I E. McMillian 1
Gunfire Support Lessons Learned in World War II. I. E. McMillian 979
Pneumatic torpedo gun, 1888 ....ill. 1281
Poundstone, Homer Clark, and All-Big-Gun Ship. D. R. Morris 707, 1293, 1427
Railway, 14-inch, World War I ....ill. 886

H

Hamilton, J. E.
Early Amphibious Training Experiences 737
Navy and Universal Military Training ... 563
Hancock (U.S.) ....ill. 152
Handling vessels: See Seamanship
Harlow, A. M. 1299
Harriet Lane (U.S.) ....ill. 1544
Harrington, F. W.: Orders Is Orders! (anecdote) 1249
Haruna (Jap.) ....ill. 1400
Hawaiian Islands
Iolani Palace, Honolulu ....ill. 77
Pearl Harbor damage ....ills. 581, 748, 1086, 1288

Page

Hawaiian Islands (Cont.)
When Navy Was Host to Hawaii's King. H. C. Votaw 71, 484
Heffernan, J. B. 897, 1302
Heflin, W. L. 759, 1303
Heinl, R. D., Jr. 765, 1029, 1157
Helicopters: See Aviation-Aircraft
Henderson (U.S.) ....ill. 736
Hertel, F. M.: Naval Academy and Naval Aviation 37
Heselton, L. R. 351
Heywood, W. M., Jr.: In Wake of Invasion 457
Hinckley, W. F.: Russian Jam (anecdote) .. 1543
History as Guide to Naval Policy. L. W. Batten, III 743
Hittle, J. D. 1434, 1564
Hobbies: Match book covers 353
Holland (U.S. submarine) ....ill. 1154
Holly, H. H.
Our Marine Industries at Crossroads 467
Wherein Lies Our Strength? 837
Horn, R. de S. 635, 768, 1562
Hospital Corps ....1065, ill. 1064
Hospitals: Naval Medical Center, Bethesda, Md. ....ill. 1098
Houston (U.S.) ....ill. 1287
Howard, W. S. 1160
Kongos in World War II 1401
Hughes, H.: Saga of YMS 53
Hulbert, H. S. 1433
Hunter, G. P. 85

I

Ice patrol ....ill. 1554
Imperator Alexander III (Russ.) ....ill. 60
Ingram, J. H.: South Atlantic—Diplomatic Campaign. F. Pratt 691
International law: Continental Shelf, International Law Aspects of Acquisition of, by United States. B. H. Brittin 1541
International relations: Riddle of West. R. Sunderland 287
Intrepid (U.S.) ....ill. 1291
Intrepid (U.S.) explosion, Tripoli ..1139, ill. 1138
Iowa (U.S.) ....ill. 244
Italy
Capri ....ill. 1416
Naples ....ill. 1421
Rome ....ill. 610
Venice ....ill. 1421
Italy—Navy
Pre-war fleet review ....ill. 250
Ships at Naples ....ill. 1095
Iwo Jima
Cemetery ....ill. 1021
Landing operation ....ills. 416, 890, 1020

J

James Madison (U.S. revenue cutter) ....ill. 1548
Jane's *Fighting Ships* (See also Book reviews). L. H. Bolander 1384
Japan
Aerial Defense, Japan's Homeland. B. Vogel 175
Assignment in Japan. H. Salomon, Jr. 973
Fishing boat ....ill. 1022
Fujiyama ....ills. 142, 1153

Page

Japan (Cont.)
Imperial Palace ....ill. 464
Japan's Wartime Hocus-Pocus. B. Vogel 417
Nagasaki ....ill. 531
Propaganda de Luxe. A. R. McCracken ....1235, ills. 1234, 1243
Shintoism, Menace of. J. R. Young 463
Skiing ....ill. 1423
Japan—Navy
Kongos in World War II. W. S. Howard 1401
Kure harbor "boneyard" ....ills. 594, 1155
Yokosuka Naval Air Base and Japanese Naval Aviation. C. R. Stokes and T. Darling 339
Japanese surrender ceremonies, *Missouri* (U.S.) ....ill. 890
Jean Bart (Fr.) ....ill. 1181
Jeffries, W. W. 1166
Johnson, L. W.: Dark Side of Sanitation ... 1217
Junior Officer, More Valuable, for Fleet. H. B. Seim 597
Junior Officer of Deck: Very Unfortunate Affair. W. Outerson 623

K

Kalakaua, D. ....ill. 70
When Navy Was Host to Hawaii's King. H. C. Votaw 71, 484
Kamikaze ....ills. 343, 820
Kamikazes, Victim of—U.S.S. *Newcomb*. I. E. McMillian 683
Kelsey, J. V. 898, 1301
Kennaday, J. M. 1557
Kentucky (U.S.) ....ill. 711
Kerr, L. F.: "Goin' to War" (anecdote) 977
Kinney, S. H.
Shades of Commodore Fyfe (anecdote) ... 433
Tin Can Gold Rush 169
Kirkpatrick, R. Z. 79
Previous Training (anecdote) 1527
We Caught Big One! (anecdote) 455
Knox, D. W. 1163
Abortive Duel on Hicacal Point 1081
Koestner, E. J.: Real Problem (anecdote) ... 35
Kongo class (Jap.) ....ills. 1400, 1406
Kongos in World War II. W. S. Howard 1401
Korea
Fort Monocacy, 1871 ....ill. 203
Korean Expedition of 1871. K. J. Bauer.. 197

L

Lake Champlain, Battle of ....ill. 966
Lake Erie, Battle of ....ills. 452, 884
Landing craft
Amphibious Mother Ship. H. Bast ....333, ill. 332
LST battling *Stuka* ....ill. 1551
Landing craft and operations ....ills. 57, 59, 300, 303, 307, 326, 405, 410, 416, 508, 537, 626, 630, 960, 1290, 1310
Amphibious Warfare: Naval Weapon of Future. R. E. Cushman, Jr. 301
Early Amphibious Training Experiences. J. E. Hamilton 737
Gunfire Support, Development of Naval, of Amphibious Operations. I. E. McMillian 1

Page

Landing Craft and Operations (Cont.)
Gunfire Support Lessons Learned in World War II. I. E. McMillian 979
Salvage and Rescue Units: In Wake of Invasion. W. M. Heywood, Jr. 457
Some Naval Missions Ashore 79
Lanham, S. M.: What Price Security (anecdote) 221
Lauer, R. J.: In Defense of Military 1135
Law, Military and naval
Layman Takes Issue with Lawyers 351
Legal Specialist. H. A. Patrick 205
Leadership
Junior Officer, More Valuable. H. B. Seim 597
Leadership in Navy and Industry. E. M. Eller 671
Paternalistic Leadership, Fountain-Head of Military Valor. C. S. Arthur 1409
Lee, L., Jr.: Navy Advances in Business Management 43
Lemieux, C. P. 491, 1563
Lewis, C. L. 356, 634
Lexington (U.S.) ....ill. 887
Leyte Gulf, Battle for ....ills. 24, 889, 972
Battle Stations Submerged. R. C. Benitez 25
Liberty party ....ill. 673
Lifeboat, Coast Guard ....ill. 1552
Lifesaving: Plot board, rescue center ....ill. 1552
Lincoln, P. S. 351
L'Insurgente (Fr.) and *Constellation* (U.S.) ....ill. 1004
Little, H. H. 894
Locomotives ....ills. 1508, 1595
London, J. J.: Too Gallant (anecdote) 1539
Long, E. J. 1561
"Accidents" Stopped—By Order! (anecdote) 965
Lucier, R. O. 1297
Lumpkin, H. 1566
Lyman, J.: Centennial of Pressure-Pattern Navigation 309, 759

M

McConnell, J. H.
Colonel's Sandwich (anecdote) 1245
Start of Pilgrimage (anecdote) 955
McCracken, A. R.
Prodigal Son 573
Propaganda de Luxe 1235
McCulloch (U.S. CG) ....ill. 1549
McDonald, E.: Southern Cruise by Two Navy Icebreakers 1491
McKenna, R. M.: Post-War Chief Petty Officer: Closer Look 1481
McMillian, I. E.
Development of Naval Gunfire Support of Amphibious Operations 1
Gunfire Support Lessons Learned in World War II 979
One Last Look 862
U.S.S. *Newcomb* (DD 586)—Victim of Kamikazes 683
McMurtrie, F. 763
Macon (U.S. airship) ....ill. 1287
Madison, J. ....ill. 1262
Mahan, A. T. 743

Page

Mahan, A. T. (Cont.)
Sidelights on Mahan. J. M. Ellicott 1247
Maine (U.S.) .....ills. 548, 556
Mast, Arlington National Cemetery ....ill. 732
Remembering *Maine*. W. S. Meriwether .. 549
Malta .....ill. 1420
Manila Bay, Battle of .....ills. 557-59, 896
Marder, A. J.: Impressions of Nelson (J. A. Fisher papers) 843
Marianas Islands
Saipan .....ills. 482, 889, 978, 1016-17
Tinian .....ill. 421
Marine Corps
Color guard .....ill. 135
Marine Corps in 1948. A. A. Vandergrift 135
Pictorial: Marine Corps in World War II .....1013, ills. 935, 1012, 1014-21
Marsden, L. A.: Pipe Line Politics 429
Marshall Islands
Eniwetok .....ill. 943
Kwajalein .....ill. 1016
Sailing Canoes of Marshall Islands. C. H. Wright .....1529, ills. 1528, 1530-31
Martin, P. W. 82, 485
Massachusetts (U.S. revenue cutter) .....ill. 1548
Match book covers hobby 353
Maury, M. F. 219
Contennial of Pressure-Pattern Navigation. J. Lyman 309, 759
Portrait, decorations, and medals .....ill. 758
Medicine and surgery
Influence of Weather, Combat Status and Overcrowding on Incidence of Disease and Accidents Aboard Naval Vessels. M. Morales and E. Tarver 211
"Pro Bono Medico." C. C. Shaw 1099
Recent Advances in Atmospheric Hygiene in Navy. E. E. Metcalfe 877
Sanitation, Dark Side of. L. W. Johnson .....1217, ills. 1216, 1218, 1220
Melville, G. W. .....ill. 612
Rear Admiral George Wallace Melville as Man and Engineer-in-Chief of Navy. G. W. Grupp 613
Memphis (U.S.): Wreck, Santo Domingo City .....ill. 1285
Mendota (U.S. CG) .....ill. 1554
Merchant Marine—United States
American Merchant Marine—It Had Past; Has It Future? E. B. Perry 145
Merchant Marine Inspection: Major Function of Coast Guard. H. F. Crouch .....823, ills. 822, 829
Our Marine Industries at Crossroads. H. H. Holly 467
Well Disciplined Merchant Marine. H. F. Crouch 1467
Merchant ships: United States ..ills. 466, 472, 494
Meriwether, W. S.: Remembering *Maine*.... 549
Merrimac (Confed.) and *Monitor* (U.S.) .....ills. 885, 969
Metcalfe, E. E.: Recent Advances in Atmospheric Hygiene in Navy 877
Meteorology: Aircraft Reconnaissance in Tropical Storms. C. R. Coates 1127
Meulendyke, B. 760
Mexican War: Vera Cruz landing .....ill. 884
Michigan (U.S.) .....ill. 1296

Page

Midway (U.S.): V-2 rocket .....ills. 891, 1211
Midway, Battle of .....586-95, ills. 578, 589, 592
Midway Island .....ills. 589, 1014
Military service, Compulsory: Navy and Universal Military Training. J. E. Hamilton... 563
Miller, G. H.: Logical Thinking in Military Situations 327
Mindte, R. W.: Helpful Report (anecdote) 167
Mine sweepers
Saga of YMS. H. Hughes 53
United States .....ills. 52, 55
Mines: Explosion .....ill. 1193
Missouri (U.S.) .....ills. 1333, 1408, 1420, 1436
Japanese surrender ceremonies .....ill. 890
Mobile Bay, Battle of .....ill. 885
Models
Rogers, H. H., collection 1397
Royal William (Br.) .....ill. 1396
Monitor (U.S.) and *Merrimac* (Confed.)... .....ills. 885, 969
Morales, M., and E. Tarver: Influence of Weather, Combat Status and Overcrowding on Incidence of Disease and Accidents Aboard Naval Vessels 211
Moran, C.: Security by Enactment 403
Morison, S. E. 973
Morris, D. R.: Homer Clark Poundstone and All-Big-Gun Ship 707, 1293, 1427
Morris, W. H.: Reserve ACIO's Are Refreshed 1513
Mosque, North Africa .....ill. 1395
Munroe, D. J.: Shooting Bull (anecdote) ... 595

N

National Security Act: Security by Enactment. C. Moran 403
Naval Academy
Aviation, Naval, and Naval Academy. F. M. Hertel .....37, ills. 36, 39
Bancroft Hall .....ill. 279
British comment 628
Cruise .....801, ills. 700, 800
Gate, Main, 1885 .....ill. 1426
Instruction ...ills. 238, 434, 439, 445, 447-48, 596
Leadership: More Valuable Junior Officer. H. B. Seim 597
Learning at Naval Academy—Academic Departments and Systems of Instruction. E. W. Thomson 435
Mahan Hall .....ill. 271
Main Gate .....ill. 761
Museum .....ill. 1206
Naval Academy as Undergraduate College. E. W. Thomson 271
Oath of allegiance .....ill. 275
Parades and drills .....ill. 1201
Ship models: See Models
Yacht .....ill. 637
Naval Air Transport Service
Navy Has Heart. B. L. Britton ....1213, ills. 1212
Safety in Skies (Navy's Transport Flying Record). H. B. Say 1111
Naval base: Pacific .....ill. 539
Naval Historical Foundation 268

Page

Naval Institute
Admirable Servant, Occasionally Obsequious. G. V. Stewart 1199
Articles, PROCEEDINGS 1465
Author's rights 801
Changes in officers 533, 801, 1065
Cox, M., retirement 533
Discussions invited 933
Frontispieces for sale 267
Meetings and reports 267, 401, 535
Notes on International Affairs discontinued 669
Pictorial section inaugurated 669
Prize Essay Contest, Enlisted 533, 801, 1465, 1597
Prize Essay Contest, General 401, 1065, 1465, 1597
PROCEEDINGS Picture Album ....1281, ills. 1280-91
PROCEEDINGS publication schedule 933
PROCEEDINGS wanted 267
Publications 401, 533, 1197, 1331, 1465
Seventy-Five Years of Progressive Naval Thinking. W. H. Russell 1251
Naval Observatory telescopes .....ills. 1590
Naval War College .....ill. 1261
Navigation (See also Seamanship)
Centennial of Pressure-Pattern Navigation. J. Lyman 309, 759
Radio range stations in coastwise piloting 762, 1297, 1559
Stars, Method of Using, Listed Under "Additional Stars." J. B. Feaster 68, 629
Nelson, F. J. 79
Nelson, H. 79
Impressions of Nelson (J. A. Fisher papers). A. J. Marder 843
Nelson (Br.) .....ill. 1177
Nevada (U.S.) .....ills. 1073, 1076
New Britain: Cape Gloucester .....ill. 1012
New York City skyline .....ill. 794
Newcomb (U.S.) .....ills. 682, 686
Victim of Kamikazes. I. E. McMillian 683
Northwind (U.S. CG) .....1121, ills. 1120, 1555
Norway: Bergen .....ill. 1418

O

Oceanography: Sounding machine, 1889 ...ill. 1282
O'Donnell, E. U.: Seeing and Hearing Things (anecdote) 80
Ohio (U.S.) .....ill. 719
Oil: See Fuel
Okinawa
Flame-throwing .....ill. 1021
Landing operation .....ill. 419
Marine Corps artillery .....ill. 139
Olch, I.: Price of Victory 17
Oliver, F. L. 628, 1427
Titan—or Atomic Force Old Style! (anecdote) 1079
Olympia (U.S.) .....ill. 557
Oregon (U.S.) .....ill. 950
U.S.S. *Oregon:* Pathfinder. W. O. Foss ... 951
Osborn, P. R. 1024
Outerson, W.: Very Unfortunate Affair 623

Page

P

Pacific Ocean: Trust Territory of Pacific Islands. C. H. Wright 1333
Palau Islands: Peleliu .....ills. 1018-19
Palestine: Jerusalem .....ill. 236
Palmer, L. C. 353
Palos (U.S.) .....ill. 199
Panama Canal
Missouri (U.S.) .....ill. 1333
Nelson (Br.) .....ill. 1177
Panama Canal: Operations or Engineering? 894
Survey expedition, 1870 .....ill. 895
Panay (U.S.) .....ill. 1091
Paper work: Navy Advances in Business Management. L. Lee, Jr. 43
Parachute, air-sea rescue kit .....ill. 1052
Parker, S. V. 79
Patrick, H. A.
Do You Vote? 1277
Effect of Combat Commendation upon Retirement 957
Legal Specialist 205
Pay and Prize Money in Old Navy, 1776-1899. R. W. Daly 967
Peace: Adventures in Futility. J. M. Sheehan 1087
Peel, M. A., Jr.: War-Making Must Be in Hands of Those Who Hate War 537
Penguin .....ill. 1123
Pennsylvania (U.S.) .....640, ills. 638, 748, 981
Ely landing plane, 1911 .....ills. 994, 1285
Pepys, S. .....ill. 864
Samuel Pepys, Naval Administrator Extraordinary. J. M. Sheehan 865
Perry, E. B.: American Merchant Marine—It Had Past; Has It Future? 145
Personnel
Chief Petty Officer, Post-War: Closer Look. R. M. McKenna 1481
Civil Liberty, Navy and. W. B. Prendergast 1263
Fitness Report System, Navy's 1024
In Defense of Military. R. J. Lauer 1135
Petty Officers, Our Vanishing. G. P. Steel, II 701, 1557
Prodigal Son. A. R. McCracken 573
Register of officers, 1839 1558
Retirement, Effect of Combat Commendation upon. H. A. Patrick 957
Petrel (U.S.) .....ill. 1282
Petty officers: See Personnel
Philadelphia (U.S.) .....ill. 1282
Burning at Tripoli .....ill. 882
Philippine Sea, Battle of .....ill. 888
Phillips, C. A.: Arlington National Cemetery 733, 1161
Pickering (U.S.) capturing French prize ..ill. 1467
Pictorial Section
Coast Guard in War and Peace. S. H. Evans .....1545, ills. 1467, 1544, 1548-55
Honored Men and Ships ..749, 1065, ills. 748-57
Join Navy and See World ....1417, ills. 1416-25
Marine Corps in World War II ....1013, ills. 935, 1012, 1014-21
PROCEEDINGS Picture Album ..1281, ills. 1280-91
Spanish-American War ....557, ills. 556-61, 615

Page

Pictorial Section (Cont.)
Submarines' Victory in Pacific .....1147, ills. 1067, 1146-55
U. S. Navy Through 150 Years .....883, ills. 882-91
Pies .....ill. 676
Pillsbury, J. D.: Truk: "Tourist" Attraction 853
Pirie, R. B. 89, 488, 633, 1030
Poland: Tin Can Gold Rush. S. Kinney 169
Policy, Naval: History as Guide to Naval Policy. L. W. Batten, III 743
Pomodon (U.S.) .....ills. 502, 1511
Port Director—First Assistant to Forces Afloat 79
Poundstone, H. C. .....ill. 706
Homer Clark Poundstone and All-Big-Gun Ship. D. R. Morris 707, 1293, 1427
Pratt, F.: South Atlantic—Diplomatic Campaign 691
Prendergast, M.: Sonar and Asdic, Anti-Submarine Sisters 1009
Prendergast, W. B.: Navy and Civil Liberty 1263
Preparedness
Adventures in Futility. J. M. Sheehan 1087
Military Lessons Learned and Not Learned. B. Vogel 723
Price of Victory. I. Olch 17
War-Making Must Be in Hands of Those Who Hate War. M. A. Peel, Jr. 537
Wherein Lies Our Strength? H. H. Holly 837
President Coolidge (U.S.) .....ill. 1288
Prisoners, German .....ill. 229
Prize Money and Pay in Old Navy, 1776-1899. R. W. Daly 967
Prodigal Son. A. R. McCracken 573
Propaganda
Japan: Propaganda de Luxe. A. R. McCracken .....1235, ills. 1234, 1243
Japan's Wartime Hocus-Pocus. B. Vogel .. 417
Publicity: Let's Take Off Our Shells. H. V. Bird 619
Puffer (U.S.) .....ill. 1154
Puleston, W. D. 1300
Ancient and Modern Aspects of Sea Power 1351

Q

Queen Elizabeth (Br.) .....ill. 1045

R

Radar antenna .....ill. 1591
Radetsky (Austrian) .....ill. 1286
Rairden, P. W., Jr.: Soviet Sea Power 61
Raleigh (U.S.) .....ill. 558
Rawson, G. 219, 1558
Reina Mercedes (Sp.) .....ill. 1283
Remey (U.S.) .....ill. 1372
Rendova (U.S.) .....ills. 1038, 1312
Repair ships: Seron Ten. W. R. Carter ..153, 629
Rescue Units: See Salvage and Rescue Units
Research and experiment: Recent Advances in Atmospheric Hygiene in Navy. E. E. Metcalfe 877
Retirement: See Personnel
Revolutionary War: Action off Mud Fort, Delaware River .....ill. 742
Richards, G.: Navy's Stake in Future 183
Richards G., and J. L. Zimmerman: America's African Beach-Head 1387
Richelieu (Fr.) .....ill. 1449
Riggs, A. S. 894
Riggs, W. F., Jr.: Suggested Guide for Amateur Military Critics and Prophets ... 935
Robertson, W. D., Jr.: Man-Size Ricochets (anecdote) 821
Robinson, W. L.: *Akagi,* Famous Japanese Carrier 579, 1157
Rocket-launching ramp .....ill. 929
Rocket ships (U.S.) .....ill. 193
Rockets .....ills. 518, 836, 891, 900, 945, 1211
Photograph from 300,000 feet .....ill. 1568
Rogers, H. H., collection ship models 1397
Roise, H. S. 1432
Roma (It.) .....ill. 513
Rowe, R. A.: Need for Strategic Intelligence on Economic War Potential 803
Royal William (Br.): Model .....ill. 1396
Rucker, C. G.
Constant Bearing (anecdote) 681
Deaf Bos'n and Tar (anecdote) 617
Newly Appointed Navigator (anecdote) .. 1133
Perfect Crystal Ball (anecdote) 949
Russell, W. H.: Seventy-Five Years of Progressive Naval Thinking 1251
Russia
Murmansk, Hospital ship at .....ill. 602
Pyramid of Power. A. Talerico, Jr. 603
Russia—Navy
Big Bear Wets His Paws. J. B. Wilkinson 1225
Russian Navy—Past, Present, and Future 82, 485
Soviet Sea Power. P. W. Rairden, Jr. 61

S

S-51 (U.S.) .....ill. 1286
St. Paul (U.S.) .....ill. 367
Salomon, H., Jr.: Assignment in Japan 973
Salt Lake City (U.S.) .....ill. 752
Salvage and Rescue Units: In Wake of Invasion. W. M. Heywood, Jr. 457
Sandoval (Sp.) 1081
Sanitation: See Medicine and surgery
Santiago, Battle of .....ills. 560-61
Say, H. B.: Safety in Skies 1111
Sea Devil (U.S.) .....ill. 1151
Sea elephant .....ill. 1120
Sea power: Ancient and Modern Aspects of Sea Power. W. D. Puleston 1351
Seabees: Flame Throwing Seabees. G. F. Unmacht .....425, ill. 424
Seabring, C. S.: Diesel Encomium 1505
Seamanship (See also Navigation)
Whistle Argument: Analysis and Plan. R. F. Farwell 473
Seim, H. B.
Blackout Job (anecdote) 181
For Fleet: More Valuable Junior Officer 597
It Was Worth It (anecdote) 295
Purple Heart (anecdote) 835
Selby, M. E. 80
Seneca (U.S. CG) .....ill. 1550

Page

Serapis (Br.) and *Bon Homme Richard* (U.S.) ....ills. 803, 1430
Service Squadron Ten: Seron Ten. W. R. Carter 153, 629
Shangri-La (U.S.) ....ill. 932
Shark (U.S.) ....ill. 1507
Sharp, W. D.
Pure Minded Skipper (anecdote) 349
What Do? (anecdote) 209
Shaw, C. C.: "Pro Bono Medico" 1099
Sheehan, J. M. 351
Adventures in Futility 1087
Samuel Pepys, Naval Administrator Extraordinary 865
Shields, W. S. 493
Shintoism, Menace of. J. R. Young 463
Ship handling: See Seamanship
Shufeldt, H. H. 629
Simmons, K. W.: Coming Aboard (anecdote) 989
Singapore ....ill. 1419
Small, E. B. 894
Small, J. C. 762, 1559
Smith, R. C., III: "There'll Be No Promotion . . ." (anecdote) 1275
Smoke screens ....ill. 1372
Solace (U.S. hospital ship) ....ill. 755
Solomon Islands: Guadalcanal ....ill. 1014
Solomons (U.S.) 221
Somers, Richard. R. W. Daly 1139
Sonar and Asdic, Anti-Submarine Sisters. M. Pregendergast 1009
South Atlantic—Diplomatic Campaign. F. Pratt 691
South Dakota (U.S.) ....ill. 757
Spanish-American War
Cervera's Spanish Squadron leaving Santiago ....ill. 954
Duel, Abortive, on Hicacal Point. D. W. Knox 1081
Pictorial ....557, ills. 556-61, 615
Remembering *Maine*. W. S. Meriwether .. 549
U.S.S. *Oregon:* Pathfinder. W. O. Foss 951
Spanish Armada ....ill. 1357
Spencer (U.S. CG): Sinking submarine ..ill. 1551
Spilman, C. H. 83, 763
Steele, G. P., II: Our Vanishing Petty Officers 701, 1557
Stewart, G. V.: Admirable Servant, Occasionally Obsequious 1199
Stokes, C. R., and T. Darling: Yokosuka Naval Air Base and Japanese Naval Aviation 339
Stove, G. W. 83
Strategy and tactics: Guide, Suggested, for Amateur Military Critics and Prophets. W. F. Riggs, Jr. 935
Stuart, G.: Unexpected Submarines (anecdote) 831
Submarines
Axis Submarine Losses to Allied Submarines 1160
Sonar and Asdic, Anti-Submarine Sisters. M. Prendergast 1009
Submarines—Germany
At sea ....ill. 173
Building yards, Bremen ....ill. 321

Page

Submarines—Germany (Cont.)
German Submarine War 83, 763
Sinking ....ills. 222, 941, 998, 1551
Submarines—Japan: Midget ....ill. 911
Submarines—United States
E-Class and engine ....ill. 1504
Engines ....1505, ills. 1504, 1508
Escape training tank, New London ....ill. 1146
One Last Look. I. E. McMillian 862
Our Submarines' Victory in Pacific ....1147, ills. 1067, 1146-55
Periscope photos of enemy ....ills. 727, 1152-53
Victory flags flying ....ill. 671
Sumter (U.S.) ....1163, ill. 1162
Sunderland, R.: Riddle of West 287
Supersonics and Aviation Medicine. J. W. Welsh ....1533, ills. 1532, 1535, 1538
Supplies: Navy Advances in Business Management. L. Lee, Jr. 43
Surigao Strait, Battle of: Destroyer Dust. J. G. Coward 1373

T

Talerico, A., Jr.: Pyramid of Power 603
Tankers ....ills. 428, 1460
Tanks ....ills. 100, 424
Flame Throwing Seabees. G. F. Unmacht 425
Tarver, E. (joint author): See Morales, M.
Taussig, J. K. 628
Hearing is Believing (anecdote) 741
Lo, Poor Admiral! (anecdote) 1349
Taylor, D. Y. 1024
Telescopes, Naval Observatory ....ills. 1590
Tennessee (U.S.) ....ills. 986, 1288
Thomas, C. W.: Antipodes 1121
Thomson, E. W. 86, 225, 1027
Learning at Naval Academy—Academic Departments and System of Instruction 435
Naval Academy as Undergraduate College 271
Tinosa (U.S.) ....ill. 1150
Tomlinson, M. 484
Torpedo boats: United States ....ills. 755, 892
Trafalgar, Battle of ....ills. 747, 842, 1361
Truk: See Caroline Islands
Trumble, R. E., Jr. 1435
Trust Territory of Pacific Islands. C. H. Wright 1333
Tug ....ill. 159
Turkey: Bosporus ....ill. 1312

U

U-58 (Ger.) and *Fanning* (U.S.) ....ill. 886
U-505 (Ger.) and *Guadalcanal* (U.S.) ....ill. 752
Ulithi, Fleet at ....ill. 155
Uniforms: Arctic equipment ....ill. 528
United States Navy
Navy's Stake in Future. G. Richards. 183
Place Names Honoring Navy. E. H. Clark, Jr. 453
Seventy-Five Years of Progressive Naval Thinking. W. H. Russell 1251
Universal military training: See Military service, Compulsory
Unmacht, G. F.: Flame Throwing Seabees .. 425

V

Vaeth, J. G.: Utility Uses for Airships 297

	Page
Valley Forge (U.S.) ....ill.	673
Vandegrift, A. A.: Marine Corps in 1948 ...	135
Ventilation: Recent Advances in Atmospheric Hygiene in Navy. E. E. Metcalfe	877
Vesuvius (U.S.) ....ill.	1282
Victory, Price of. I. Olch	17
Vogel, B.	
Japan's Homeland Aerial Defense	175
Japan's Wartime Hocus-Pocus	417
Military Lessons Learned and Not Learned	723
Truk—South Sea Mystery Base	1269
Votaw, H. C.	
Our Navy and South America's Greatest Earthquake 345,	760
When Navy Was Host to Hawaii's King 71,	484
Voting: Do You Vote? H. A. Patrick	1277
Vulcan (U.S.) ....ill.	612

W

Wake Island: Presidential Unit Citation	751
Wakes, Camouflage of.	893
Walling, H. S.	1559
War-Making Must Be in Hands of Those Who Hate War. M. A. Peel, Jr.	537
Warfare, Aerial: See Aviation	
Warfare, Naval	
Guide, Suggested, for Amateur Military Critics and Prophets. W. F. Riggs, Jr. ...	935
Navy's Stake in Future. G. Richards.	183
Washington, D.C.: Capitol ....ill.	403
Wateree (U.S.) ....ills. 344,	763
Our Navy and South America's Greatest Earthquake. H. C. Votaw 345,	760
Welborn, M. C.: Naval Contributions to Aeronautical Science, 1908-1913	991
Welsh, J. W.: Supersonics and Aviation Medicine	1533
Werner, H. O.	228
West, R. S., Jr. 223,	487
West Virginia (U.S.) ....ills. 716,	1288
Westcott, A. F.	1197
Whistle Argument: Analysis and Plan. R. F. Farwell	473
Wiedersheim, W. A., III: Factors in Growth of Reichsmarine (1919-1939)	317
Wilkinson, J. B.	
Big Bear Wets His Paws	1225
Bright Face of Valor (anecdote)	23
What, Again? (anecdote)	1371
Williams, H. 484,	1293
Poor Target Practice (anecdote)	1109
Winant, F. I., Jr.: Lesson of ADU	1067
Wisconsin (U.S.) ....ill.	1168
Wood, H.: Paintings 1548,	1551
Worden, J. L. ....ill.	1280
Wright, C. H.	
Sailing Canoes of Marshall Islands	1529
Sighting Sea Serpent (anecdote)	423
Trust Territory of Pacific Islands	1333
Wright, J. M. P. 631, 767,	1165

Y

YMS-238: Saga of YMS. H. Hughes	53
Yorktown (U.S.) ....ill.	592
Young, J. R.: Menace of Shintoism	463

Z

Zimmerman, J. L. (joint author): See Richards, G.	